

## PATENT CLAIMS

1. Synchronisation device (1) for preparing an optical synchronisation signal in computer-controlled picture recordings of a motion picture camera with
  - a signalling device for generating an optical synchronisation signalwherein the optical synchronisation signal of the synchronisation device (1) can be initiated by means of the computer controlling the picture recordings,

**characterised in that**

the signalling device has a number of optical signalling elements (2) for generating optical synchronisation signals.

2. Synchronisation device according to claim 1 **characterised in that** the optical signalling elements (2) of the signalling device are arranged in the form of a digital display for letters and/or numbers.
3. Synchronisation device according to claim 1 or 2 **characterised in that** the optical signalling elements (2) of the signalling device are arranged in the form of a matrix.
4. Synchronisation device according to one of claims 1 to 3 **characterised in that** the optical signalling elements (2) are formed as light-emitting lighting elements (2).
5. Synchronisation device according to one of claims 1 to 4 **characterised in that** the signalling device is mounted in a housing (10) wherein the optical signalling elements (2) are visible on at least one surface of the housing (10).
6. Synchronisation device according to claim 5 **characterised in that** the housing (10) comprises a control electronics of the signalling device and a control interface (11) for connection to a computer.
7. Synchronisation device according to claim 6 **characterised in that** the control interface (11) can be connected to a CAN bus system.

8. Synchronisation device according to one of the preceding claims **characterised in that** the optical signalling elements (2) comprise light-emitting diodes.
9. Synchronisation device according to claim 8 **characterised in that** the optical signalling elements comprise light-emitting diodes which are suitable for the controllable additive colour mixing of the light generated by the optical signalling elements (2).
10. Synchronisation device according to one of the preceding claims **characterised in that** the synchronisation device (1) has an interface (12) for connection of a light device (3) for the projection of an optical synchronisation signal.